KIT 5.1

Improve the accuracy of short-range and medium-range weather forecasting.

Impact	**Growers have access to accurate weather forecasts (out to 14 days) that enable improved decision-making and risk management on farm.**
Summary	• Growers can confidently interpret and understand weather forecasts. • Growers can extract maximum value from weather forecasting systems to aid with on-farm decision-making. • Growers have access to short-to-medium range weather forecasts (1–14 days) with enough accuracy to optimise on-farm decision-making.

SCOPE	INVESTMENT OUTCOMES
Improved understanding of weather forecasts	5.1.1 Growers have easy-to-use access to weather forecasts to aid decision-making. 5.1.2 Growers are able to correctly and confidently understand and interpret weather forecasts.
Improved capture of the value of weather forecasts Growers have access to the tools and knowledge required to extract the maximum value from current weather forecasts.	5.1.3 Growers and other industry participants have access to the tools and knowledge to calibrate regional weather forecasts to inform on-farm weather predictions. 5.1.4 Growers are equipped to make more informed on-farm decisions by integrating weather forecasts into agronomic and business decision-making.
Improved accuracy of weather forecasts Growers have access to accurate forecasts at farm and/or paddock scale out to 14 days.	5.1.5 Growers and other industry participants have access to weather forecasting models that can identify localised meteorological events at the farm and/or paddock scale (less than 5 kilometres). 5.1.6 Growers can accurately forecast rainfall and temperature at the farm and/or paddock scale.

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